

The invention relates to a method and apparatus for minimizing the influence of register differences in multicolor printing, in particular in digital printing processes, register values (1) in the transport direction (2), which are different transversely with respect to this direction being set to a value between the extremes (3, 3').

The invention is intended to carry out a development such that the influence of register differences on the image quality can be minimized reliably and to a great extent. This is achieved by a number of individual values of the register values (1) being measured and an average value (4, 4') being determined from these and brought into alignment with the average value (4, 4') from at least one further color printing unit (5, 5', 5'', 5''').